

California Regional Water Quality Control Board
North Coast Region

Monitoring And Reporting Program No. R1-2000-06

For
Masonite Corporation - Ukiah Mill

Mendocino County

MONITORING

Monitoring of Discharge to the Russian River (Serial No. 001)

Whenever there is a discharge to the Russian River, samples shall be collected downstream from the last connection through which waste can be admitted to the outfall. Composite samples may be taken by a proportional sampling device approved by the Executive Officer or by grab samples composited in proportion to flow. In composite grab samples, the sampling interval shall not exceed one hour. The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-Day)	mg/L	24-hour composite	weekly
Settleable Solids	ml/L	grab	weekly
Suspended Solids	mg/L	24-hour composite	weekly
Hydrogen Ion	pH	grab	daily
Average Daily Flow	MGD	---	daily
Grease and Oil	mg/L	24-hour composite	weekly
Fish Bioassay ^a	96-hour % survival	grab	monthly
Phenols	mg/L	grab	weekly
Copper	ug/L	grab	monthly
Nickel	ug/L	grab	monthly
Zinc	ug/L	grab	monthly
Tributyltin	ng/L	grab	monthly

Monitoring of Discharge to Land (Serial No. 002, 003)

Whenever there is a discharge to land, samples shall be collected downstream from the last connection through which waste can be admitted to the outfall. Composite samples may be taken by a proportional sampling device approved by the Executive Officer or by grab samples composited in proportion to flow. In composite grab samples, the sampling interval shall not exceed one hour. The following shall constitute the monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/L	24 hour composite	weekly
Settleable Solids	ml/L	grab	weekly
Suspended Solids	mg/L	3 grabs per sampling day	weekly

Monitoring of Groundwater in the Land Disposal Area

Samples shall be collected from observation wells NW No. 1, SW No. 1, and SW No. 3. Immediately prior to sampling the wells, the water standing in the casing shall be pumped for 5 minutes or until evacuated. A grab sample shall then be taken from the inflowing water and analyzed for the following constituents:

<u>Constituent</u>	<u>Units</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/L	annually ^b
Turbidity	NTU	annually ^b
pH	pH units	annually ^b
Lead	ug/L	annually ^b
Cadmium	ug/L	annually ^b
Hexavalent Chromium	ug/L	annually ^b
Nitrate N	mg/L	annually ^b
Ammonia N	mg/L	annually ^b
Total Kjeldahl N	mg/L	annually ^b

Monitoring Receiving Waters

During periods of discharge to the Russian River samples shall be collected upstream from Discharge Serial No. 001 and samples shall also be collected downstream from Discharge Serial No. 001. Both the upstream and downstream sampling points shall be approved by the Executive Officer. The following shall constitute the receiving waters monitoring program:

^a The rainbow trout, Oncorhynchus mykiss, shall be used as the test fish and the test temperature shall be maintained between 14° and 17°C.

^b Samples shall be collected each year during the month of September.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Dissolved Oxygen	mg/L	grab	monthly
BOD (20°C, 5-day)	mg/L	grab	monthly
Hydrogen Ion	pH	grab	monthly
Turbidity	NTU	grab	monthly
Temperature	°C	grab	monthly
Hardness (CaCO ₃)	mg/L	grab	monthly

Fly Ash Monitoring

The following will constitute the ash monitoring program:

<u>Location</u>	<u>Units</u>	<u>Reporting Frequency</u>
Fly ash stored onsite	tons	monthly

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Fly ash transported off-site

3

tons

monthly

REPORTING

Monthly monitoring reports shall be submitted to the Board for each month by the 15th day of the following month. In reporting the monitoring data, the discharger shall arrange the data on an 8 1/2 by 11 inch sheet in tabular form so that the sampling point, the data, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly the compliance with waste discharge requirements. During periods of no discharge, the reports shall certify no discharge. Copies of each monitoring report shall be mailed to:

Regional Administrator
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

Ordered By _____

Lee Michlin
Executive Officer

January 27, 2000

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